| <br> | Claims |  |
|------|--------|--|
|      |        |  |

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 10/624,787      | LANE ET AL.  |  |
| Examiner        | Art Unit     |  |
| Roy K Potter    | 2822         |  |

| √  | Rejected |
|----|----------|
| II | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| ı | Interference |  |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla      | aim      |                                     |                    |   |          | Date    | <u>е</u>           |                                     |          |   |  | Cla      | aim      |          |   |                   | Da  | te                 |         |          | CI    | aim         |        |              |   | ate      | •      |          | _              |         |
|----------|----------|-------------------------------------|--------------------|---|----------|---------|--------------------|-------------------------------------|----------|---|--|----------|----------|----------|---|-------------------|---|--------------------|---------|----------|-------|-------------|--------|--------------|---|----------|--------|----------|----------------|---------|
|          | -        | _                                   |                    |   |          | Г       |                    |                                     |          |   |  |          | <u> </u> |          |   |                   |   |                    |         |          |       | <del></del> |        |              |   |          |        |          |                |         |
| Final    | Original | 3/15/04                             |                    |   |          | 1       |                    |                                     |          |   |  | Final    | Original |          |   |                   |   |                    |         |          | Final | Original    |        |              |   |          |        |          |                |         |
| i L      | Ĕ        | 3                                   |                    |   |          | ]       |                    |                                     |          |   |  | 证        | Çiç      |          |   |                   |   |                    |         |          | ίĒ    | Ę           |        |              |   |          |        |          |                | - 1     |
|          | ٦        | Ľ                                   |                    |   |          |         |                    |                                     |          |   |  |          |          |          |   |                   |   |                    |         |          |       |             |        |              |   |          |        |          | $\Box$         |         |
|          | 1        | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 51       |          |   |                   |   |                    |         |          | -     | 101         |        |              |   |          |        |          |                |         |
|          | 2        | +                                   |                    |   |          | Π       |                    |                                     |          |   |  |          | 52       |          |   |                   |   |                    |         |          |       | 102         |        |              |   |          |        |          |                |         |
|          | 3        | +                                   |                    |   |          |         |                    |                                     |          |   |  |          | 53       |          |   |                   |   |                    |         |          |       | 103         |        |              |   |          |        |          |                |         |
|          | 4        | ÷                                   |                    |   |          | Π       |                    |                                     |          |   |  |          | 54       |          |   |                   |   |                    |         |          |       | 104         |        |              |   |          |        |          |                |         |
|          | 5        | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 55       |          |   |                   |   |                    |         |          |       | 105         |        |              |   |          |        |          |                |         |
|          | 6        | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 56       |          |   |                   |   |                    |         |          |       | 106         |        |              |   |          |        |          |                |         |
|          | 7        | +                                   |                    |   |          |         |                    |                                     |          |   |  |          | 57       |          |   |                   |   |                    |         |          |       | 107         |        |              |   |          | Щ      |          |                |         |
|          | 8        | +                                   |                    |   |          |         | Ĺ                  |                                     |          |   |  |          | 58       |          |   |                   |   | Ш                  |         |          |       | 108         |        |              |   |          |        | $\sqcup$ | $\sqcup$       | Ш       |
|          | 9        | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 59       |          |   |                   |   |                    |         |          |       | 109         |        | Ш            |   |          |        | $\perp$  | $\sqcup$       | $\Box$  |
|          | 10       | +                                   |                    |   |          |         | L                  |                                     |          |   |  |          | 60       |          |   | $\Box \mathbb{I}$ |   |                    |         |          |       | 110         |        |              |   |          |        |          |                |         |
|          | 11       | +                                   |                    |   |          |         |                    |                                     |          |   |  |          | 61       |          |   | $\Box \mathbb{I}$ |   |                    |         |          |       | 111         |        |              |   |          |        |          |                | ]       |
|          | 12       | ÷                                   |                    |   |          |         |                    |                                     |          | Ξ |  |          | 62       |          |   |                   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                    |         |          |       | 112         |        |              |   |          |        |          | $\Box$         |         |
|          | 13       | ÷                                   |                    |   |          |         |                    | 匚                                   |          |   |  |          | 63       |          |   | $\bot$            |   |                    |         |          |       | 113         |        | $oxed{oxed}$ |   |          |        |          |                |         |
|          | 14       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 64       |          |   |                   |   | $\Box$             |         |          |       | 114         |        |              |   |          |        |          | [              |         |
|          | 15       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 65       |          |   |                   |   | $\Box$             |         |          |       | 115         |        |              |   |          |        |          |                |         |
|          | 16       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 66       |          |   |                   |   |                    |         |          | v     | 116         |        |              |   |          |        |          |                |         |
|          | 17       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 67       |          |   |                   |   |                    |         |          |       | 117         |        |              |   |          |        |          | I              |         |
|          | 18       | ÷                                   |                    |   |          | L       |                    |                                     |          |   |  |          | 68       |          |   |                   |   |                    |         |          |       | 118         |        |              |   |          |        |          |                |         |
|          | 19       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 69       |          |   |                   |   |                    |         |          |       | 119         |        |              |   |          |        |          |                |         |
|          | 20       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 70       |          |   | $\Box$            |   |                    |         |          |       | 120         |        |              | • |          |        |          |                |         |
|          | 21       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 71       |          |   |                   |   |                    |         |          |       | 121         |        |              |   |          |        |          | $\perp$        |         |
|          | 22       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 72       |          |   |                   |   |                    |         |          |       | 122         |        |              |   |          |        |          |                |         |
|          | 23       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 73       |          |   |                   |   |                    |         |          |       | 123         |        |              |   |          |        |          |                |         |
|          | 24       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 74       |          |   |                   |   |                    |         |          |       | 124         |        | ٠,           |   |          |        |          | $\sqcup$       |         |
|          | 25       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 75       |          |   |                   |   |                    |         |          |       | 125         |        | Ш            |   |          |        |          |                |         |
|          | 26       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 76       |          |   |                   |   |                    |         |          |       | 126         |        | Ш            |   |          |        |          | $\Box$         | Ш       |
|          | 27       | ÷                                   |                    | _ |          |         |                    |                                     |          |   |  |          | 77       | Ш        |   | $\perp$           | $\perp$   | $\sqcup$           |         |          |       | 127         |        |              |   |          |        |          | _              |         |
|          | 28       | +                                   |                    |   |          |         |                    |                                     | Ш        |   |  |          | 78       | Ш        |   |                   |   | Ш                  |         |          |       | 128         |        | Ш            |   |          |        |          | _              |         |
|          | 29       | ÷                                   |                    |   |          |         |                    |                                     |          |   |  |          | 79       | Ш        |   | $\perp$           |   | Ш                  |         | $\perp$  |       | 129         |        |              |   |          | $\Box$ |          | $\Box$         |         |
|          | 30       | ÷                                   |                    |   |          |         |                    | L                                   |          |   |  |          | 80       |          |   |                   |   |                    |         |          |       | 130         |        | Ш            |   |          |        |          | $\Box$         |         |
|          | 31       | ÷                                   | Ш                  |   |          |         | $oxedsymbol{oxed}$ |                                     | Ш        |   |  |          | 81       | Ш        |   |                   | $\perp$   | $\sqcup$           |         |          |       | 131         |        | Ш            | Ш |          | Ш      | Ш        | ${ m \square}$ |         |
|          | 32       | ÷                                   | $oxedsymbol{oxed}$ |   |          |         |                    |                                     | Ш        |   |  |          | 82       | Ш        | _ | $\perp$           |   | $\sqcup$           |         | $\perp$  |       | 132         |        | Ш            | Ш |          | Ш      | Ш        | $\sqcup$       |         |
|          | 33       | ÷                                   | $oxed{oxed}$       |   |          |         |                    |                                     | Ш        |   |  |          | 83       | Ш        |   | $\perp$           | $\perp$   | $\sqcup$           |         | Ш        |       | 133         | $\Box$ | Ш            | Ш |          | Ш      | Ш        |                |         |
|          | 34       | ÷                                   |                    |   |          |         | $\Box$             |                                     | Ш        |   |  |          | 84       |          |   | $\perp$           |   | Ш                  |         | Ш        |       | 134         |        | Ш            |   |          | Ш      | $\sqcup$ |                |         |
|          | 35       | ÷                                   | Щ                  | _ | _        | _       |                    | _                                   |          |   |  |          | 85       |          |   |                   | 4   | 1                  | $\perp$ | Ш        |       | 135         |        |              |   | _        | Щ      |          |                |         |
|          | 36       | ÷                                   |                    |   |          | $\perp$ | _                  |                                     | Ш        |   |  |          | 86       | $\sqcup$ |   |                   | _   | $\sqcup$           | $\bot$  | $\perp$  |       | 136         | $\Box$ |              |   |          | Щ      |          | _              |         |
|          | 37       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ                  | Щ | L        | Ш       | $oxed{oxed}$       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        |   |  |          | 87       |          |   | $\perp$           | $\bot$  |                    | $\perp$ | Щ        |       | 137         |        |              |   | _        | Щ      |          | _              | $\perp$ |
|          | 38       |                                     | Щ                  |   |          | Ш       | $oxed{oxed}$       |                                     |          |   |  |          | 88       | Щ        | _ | _ _               |   | $\sqcup$           |         | Щ        |       | 138         | Щ      |              |   |          |        |          | _              | $\Box$  |
|          | 39       |                                     | Ш                  |   |          | Ш       |                    | $oxed{oxed}$                        |          |   |  |          | 89       | Ш        | _ | _ _               | 1   | $\sqcup$           |         | $\perp$  |       | 139         |        |              |   |          |        |          | _              |         |
|          | 40       | Ь.                                  | Ш                  | Ш |          | Ш       | $oxed{oxed}$       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        |   |  |          | 90       | Ш        |   | $\perp$           | $\perp$   | $\sqcup$           | $\perp$ | Ш        |       | 140         |        | _            |   |          |        |          | _              | _       |
| <u> </u> | 41       | L                                   | Ш                  | Ш | L        | <u></u> |                    | _                                   | Ш        |   |  | L        | 91       | Щ        |   | $\perp$           | $\perp$   | $\sqcup$           | $\perp$ | Ш        |       | 141         | Щ      |              |   |          |        |          | _              | _       |
|          | 42       | <u> </u>                            | Ш                  | Ш | L.       | L       | <u> </u>           |                                     | Ш        | _ |  | $\sqcup$ | 92       | Щ        | _ | _                 | $\bot$  | $\sqcup$           | $\perp$ | $\sqcup$ |       | 142         | Щ      |              |   | _        |        |          | _              | _       |
|          | 43       | $\perp$                             | Ш                  | Ш | L.       |         | _                  | <u> </u>                            | $\sqcup$ | _ |  | <u> </u> | 93       | Щ        | _ | $\perp$           | $\perp$   | $\sqcup$           |         | $\sqcup$ |       | 143         |        |              |   | _        |        | _        | _              |         |
|          | 44       |                                     | Ш                  | Щ | <u> </u> | _       | $oxed{oxed}$       | _                                   | $\sqcup$ |   |  |          | 94       | $\sqcup$ | _ | _ _               | 4_  | 1_1                | _ _     | $\bot$   |       | 144         |        | $\sqcup$     |   | $\Box$   |        | $\dashv$ |                |         |
| $\vdash$ | 45       |                                     | Ш                  | Ш | _        |         |                    | _                                   | $\sqcup$ | _ |  |          | 95       | Щ        | ļ |                   | $\bot$  | $\perp \downarrow$ |         | $\sqcup$ |       | 145         |        | $\square$    |   | _        |        | $\Box$   | $\dashv$       | _       |
| <u> </u> | 46       |                                     | Ш                  | Ш | L_       |         |                    | _                                   | Щ        | _ |  | <u> </u> | 96       | Щ        | _ | $\perp$           | 4   | $\sqcup$           | $\perp$ | $\perp$  |       | 146         | Щ      |              |   | $\Box$   |        | _        | _              |         |
|          | 47       | L.,                                 |                    |   | _        |         | L_                 |                                     | Щ        |   |  |          | 97       | Ш        | _ | $\perp$           | 4_  | $\downarrow$       | $\bot$  | $\bot$   |       | 147         | Щ      |              |   | _        |        | _        |                |         |
| <u> </u> | 48       | <u> </u>                            | Ш                  | Ш | _        |         |                    | _                                   | $\sqcup$ |   |  | <u> </u> | 98       | $\sqcup$ | _ | _ _               | 4_  | $\bot$             | $\bot$  | $\bot$   |       | 148         | Щ      | $\Box$       |   | $\dashv$ |        | _        | _              |         |
|          | 49       | <b> </b>                            | Ш                  |   | L_       | L       | _                  | <u> </u>                            | Ш        |   |  | $\sqcup$ | 99       | Ш        | _ |                   | $\bot$  | $\sqcup$           | $\perp$ | $\sqcup$ |       | 149         |        |              | _ | _        |        | _        | ᅴ              |         |
| L        | 50       |                                     | Ш                  |   |          |         |                    |                                     |          |   |  |          | 100      | oxdot    |   |                   |   |                    |         | $\perp$  |       | 150         |        |              |   |          |        |          | $\Box$         |         |